



SAFETY DATA SHEET
CICOL NT HARDENER

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Compilation date: 13.11.08
Revision No: 3

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product name: CICOL NT HARDENER
Product code: 44203B
Company name: ROCOL
ROCOL House
Swillington
Leeds
West Yorkshire
LS26 8BS
ENGLAND
Tel: +44 (0) 113 232 2700
Fax: +44 (0) 113 232 2740
Emergency tel: +44 (0) 113 232 2600
Email: customer-service@rocol.com

2. HAZARDS IDENTIFICATION

Classification under CHIP: Harmful by inhalation, in contact with skin and if swallowed. Causes severe burns. May cause sensitisation by skin contact.

Workplace exposure limit: This product does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: N (2 AMINOETHYL) 1,3 PROPANEDIAMINE 1-10%
CAS: 13531-52-7
[Xn] R22; [T] R24; [C] R34

- 3 - AMINO - CYCLOHEXYL AMINOPROPANE 10-30%
CAS: 3312-60-5
[Xn] R22; [C] R35; [Sens.] R43
- BENZYL ALCOHOL 30-50%
EINECS: 202-859-9 CAS: 100-51-6
[Xn] R20/22

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Obtain medical attention if soreness or redness persists.

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Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow-brown

Odour: Characteristic odour

Solubility in water: Insoluble

Viscosity: Viscous

Boiling point/range°C: >200

Flash point°C: >100

Relative density: 1.03

VOC g/l: 0

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute effects: Harmful by inhalation, in contact with skin and if swallowed. Causes severe burns.

Sensitisation: May cause sensitisation by skin contact.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Not biodegradable.

PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN number: 2735

ADR Class: 8

Packing group: III

Classification code: C7

Shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (3 - AMINO - CYCLOHEXYL AMINOPROPANE)

Labelling: 8

Hazard ID no: 80



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IMDG / IMO

UN no: 2735	Class: 8
Packing group: III	EmS: F-A,S-B
Marine pollutant: No	Labelling: 8

IATA / ICAO

UN no: 2735	Class: 8
Packing group: III	Packing instructions: 818(P&CA); 820(CAO)
Labelling: 8	

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Corrosive.

Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R35: Causes severe burns.

R43: May cause sensitisation by skin contact.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Haz. ingredients (label): N (2 AMINOETHYL) 1,3 PROPANEDIAMINE; 3 - AMINO - CYCLOHEXYL AMINOPROPANE; BENZYL ALCOHOL

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

Phrases used in s.2 and 3: R22: Harmful if swallowed.

R24: Toxic in contact with skin.

R34: Causes burns.

R35: Causes severe burns.

R43: May cause sensitisation by skin contact.

R20/22: Harmful by inhalation and if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.